

From: [Bachman, Brenda](#)
To: [Anderson-Carnahan, Linda](#)
Subject: FW: Discovery Bay Study message responding to Tom Madsen
Date: Monday, April 03, 2017 12:39:03 PM
Attachments: [WA F13AP00220 Snow Creek sediment Toxicity Report 2013-40 - Copy \(1\).pdf](#)
[20170302 Madsen Response.pdf](#)

Linda,

I'd like to talk about the email below from Tom Madsen. He has a copy of our draft plan and the flow chart that clearly does not include sediment testing or information that would be a follow-up to the attached toxicity test results completed under the Nationwide permit as he alludes to in his email.

Thanks, Brenda

From: Shephard, Burt
Sent: Friday, March 31, 2017 1:30 PM
To: Bachman, Brenda <bachman.brenda@epa.gov>
Subject: FW: Discovery Bay Study message responding to Tom Madsen

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Review and Assessment (OERA-095)
U.S. Environmental Protection Agency, Region 10
1200 6th Avenue
Seattle, WA 98101

Telephone: (206) 553-6359

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e-mail: Shephard.Burt@epa.gov

"Facts are stubborn things, but statistics are more pliable"

- Mark Twain

From: Shephard, Burt
Sent: Thursday, March 30, 2017 4:48 PM
To: 'Tom Madsen' <tommadsen15@gmail.com>
Subject: RE: Discovery Bay Study

Tom,

The updated sampling plan is currently in internal quality assurance review by our analytical chemists, we'll send it once review is complete and any needed changes are made.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Review and Assessment (OERA-095)
U.S. Environmental Protection Agency, Region 10
1200 6th Avenue
Seattle, WA 98101

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- Mark Twain

From: Tom Madsen [<mailto:tommadsen15@gmail.com>]

Sent: Wednesday, March 29, 2017 2:19 PM

To: Bachman, Brenda <bachman.brenda@epa.gov>; Shephard, Burt <Shephard.Burt@epa.gov>

Subject: Discovery Bay Study

Brenda, Burt: Could you please send the Final Plan for this project. Also what, if any, actions will change as a result of the Rambol Environ study "Toxicity Testing Results, Nationwide Permit NWS-2013-40, Snow Creek Estuary". The study identified toxic sediments in Discovery Bay at the area that was dredged when our problem appeared. I would very much like any and all information that the EPA has about this study, in particular if a follow up was done that identified the toxins.

Mortality in adult oysters at our main farm over the winter was .2 and the survivors were universally discolored.

There has been a recent barnacle set. The same happened last year, however during the spring the barnacles died and the shells dissolved away. Will monitor and let you know if these survive.

We continue to experience wide changes in salinity and find qualitative differences in the tissues of oysters grown subtidal (a few hundred feet from the tidelands) and those grown on the tidelands. Does your plan include testing sediments on the shore at our Farm?

When you obtain water for your tests what water is going to be tested? Salinity and qualitative measurements indicate the water quality in this area is not stable.

We have started up the water supply system that was used by the nursery last year. A large amount of sediment is forming in the tanks. Some of the sediment has a color similar to the

precipitate (identified as Aluminum Sulfate) found last year. Sediments from last year are available. Does your plan include testing sediments in the system?

Sincerely,

Tom

--

Tom Madsen

Port Discovery Seafarms

(360) 301-6868 ([cell](tel:3603016868))

(360) 385-4808 ([home](tel:3603854808))

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